

1 Fig. 30 graphically illustrates an example data structure in the form of a  
2 hierarchical tree structure that represents the project of Fig. 29.

3 Figs 31-<sup>37</sup>~~36~~ graphically illustrate various matrix switch programming grid  
4 states at select points in generating and configuring the matrix switch to  
5 implement the media processing of Fig. 29.

6 Fig. 38 illustrates an example matrix switch suitable for use in the media  
7 processing project of Fig. 29, according to one described embodiment.

8 Fig. 38a graphically illustrates an example data structure in the form of a  
9 hierarchical tree structure that represents a project that is useful in understanding  
10 composites in accordance with the described embodiments.

11 Fig. 39 is a flow diagram that describes steps in a method in accordance  
12 with one described embodiment.

### 13 DETAILED DESCRIPTION

#### 14 Related Applications

15 This application is related to the following commonly-filed U.S. Patent  
16 Applications, all of which are commonly assigned to Microsoft Corp., the  
17 disclosures of which are incorporated by reference herein:  
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- 19 • Application Serial No. 09/731,560, entitled "An Interface and  
20 Related Methods for Reducing Source Accesses in a Development  
21 System", naming Daniel J. Miller and Eric H. Rudolph as inventors,  
22 and bearing attorney docket number MS1-643US;
- 23 • Application Serial No. 09/732,084, entitled "A System and Related  
24 Interfaces Supporting the Processing of Media Content", naming  
25 Daniel J. Miller and Eric H. Rudolph as inventors, and bearing  
attorney docket number MS1-629US;
- Application Serial No. 09/731,490, entitled "A System and Related  
Methods for Reducing Source Filter Invocation in a Development